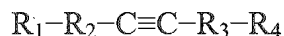


Listing of Claims:

Please **amend** the claims as follows:

1. (Previously presented) A cleaning solution comprising deionized water, a surfactant and a corrosion inhibitor comprising triple bond and at least one hydroxyl group, wherein the surfactant is $C_{12}H_{25}O(CH_2CH_2O)_JH$, wherein J is an integer ranging from 5 to 15.

2. (Original) The cleaning solution as claimed in claim 1, wherein the corrosion inhibitor is represented by the following formula:



wherein any one of R_1 and R_4 is the hydroxyl group (-OH) and the other is hydrogen (-H), a halogen element (-X) or one functional group selected from the group consisting of alkyl (-R) group, alkoxy (RO-) group, amino (-NH₂) group, nitro (-NO₂) group, mercapto (-SH) group, hydroxyl (-OH) group, aldehyde (-CHO) group and carboxyl (-COOH) group; and

R_2 and R_3 are hydrocarbons having 0 to 10 carbons and straight or branched structure.

3. (Original) The cleaning solution as claimed in claim 2, wherein the other of R_1 and R_4 is a hydroxy group (-OH), a methyl group (-CH₃) or a methoxy group (-OCH₃).

4. (Original) The cleaning solution as claimed in claim 2, the corrosion inhibitor is about 0.0001 to about 10 wt.% of the cleaning solution.

5. (Original) The cleaning solution as claimed in claim 1, the corrosion inhibitor is 2-butyne-1,4-diol.

6. (Canceled)

7. (Previously presented) The cleaning solution as claimed in claim 1, wherein the surfactant is about 0.0001 to about 10wt.% of the cleaning solution.

8. (Canceled)

9. (Original) The cleaning solution as claimed in claim 1, further comprising an acid solution or an alkaline solution.

10. (Previously presented) The cleaning solution as claimed in claim 9, wherein the alkaline solution is at least one solution selected from the group consisting of sodium hydroxide (NaOH), potassium hydroxide (KOH), ammonium hydroxide (NH₄OH), tetramethyl ammonium hydroxide (N(CH₃)₄OH), alkaline chloride solution and any mixture thereof.

11. (Original) The cleaning solution as claimed in claim 9, wherein the alkaline solution is about 0.0001 to about 10 wt.% of the cleaning solution.

12. (Previously presented) The cleaning solution as claimed in claim 9, wherein the acid solution is selected from the group consisting of hydrochloric acid (HCl), nitric acid (HNO₃), sulfuric acid (H₂SO₄), phosphoric acid (H₃PO₄), fluoric acid (HF), an organic acid and any mixture thereof.

13. (Original) The cleaning solution as claimed in claim 12, wherein the organic acid is selected from the group consisting of citric acid, tricarballic acid, tartaric acid, succinic acid, malic acid, aspartic acid, glutaric acid, adipic acid, suberic acid, oxalic acid, acetic acid and fumaric acid.

14. (Original) The cleaning solution as claimed in claim 9, wherein the acid solution is about 0.0001 to about 10 wt.% of the cleaning solution.

15. (Currently amended) A cleaning solution comprising a corrosion inhibitor and an alkaline solution, the corrosion inhibitor is represented by the following formula:



wherein any one of R₁ and R₄ is a hydroxyl group (-OH) and the other is hydrogen (-H), a halogen element (-X) or one functional group selected from the group consisting of alkyl (-R)

group, alkoxy (RO-) group, amino (-NH₂) group, nitro (-NO₂) group, mercapto (-SH) group, hydroxyl (-OH) group, aldehyde (-CHO) group and carboxyl (-COOH) group; and

R₂ and R₃ are hydrocarbons comprising 0 to 10 carbons having a straight or a branched structure, wherein the alkaline solution consists essentially ~~is selected from the group consisting of ammonium hydroxide (NH₄OH), an alkaline chloride solution and any mixtures thereof.~~

16. (Original) The cleaning solution as claimed in claim 15, wherein the other of R₁ and R₄ is a hydroxy group (-OH), a methyl group (-CH₃) or a methoxy group (-OCH₃).

17. (Previously presented) The cleaning solution as claimed in claim 15, the corrosion inhibitor is about 0.0001 to about 10 wt.% of the cleaning solution.

18. (Original) The cleaning solution as claimed in claim 15, the corrosion inhibitor is 2-butyne-1,4-diol.

19. (Original) The cleaning solution as claimed in claim 15, further comprising a surfactant represented by the following formula:



wherein R₅ is methyl group;

K is an integer ranging from 3 to 22; and

A is HO(CH₂CH₂O)_L(CH(CH₃)CH₂O)_M- or hydroxyl group, wherein L and M are integers ranging from 0 to 15.

20. (Original) The cleaning solution as claimed in claim 19, wherein the surfactant is about 0.0001 to about 10wt.% of the cleaning solution.

21. (Original) The cleaning solution as claimed in claim 19, wherein the surfactant is C₁₂H₂₅O(CH₂CH₂O)_JH, wherein J is an integer ranging from 5 to 15.

Claims 22-23 (Canceled)

24. (Previously presented) The cleaning solution as claimed in claim 15, wherein the alkaline solution is about 0.0001 to about 10 wt.% of the cleaning solution.

Claims 25-26 (Canceled)

27. (Currently amended) The cleaning solution as claimed in claim 15, ~~wherein the~~
further comprising an acid solution is in an amount of about 0.0001 to about 10 wt.% of the cleaning solution.